

DATA / SPECIFICATION SHEET

# NOVUS 30

## DESCRIPTION

Novus 30 is a good quality compressed sheet material based on a blend of aramid and inorganic fibres with a nitrile rubber binder system.

## SERVICE

Novus 30 is a general purpose material suitable for use in wide range of applications, including hot and cold water, steam, oils, fuels, gases and a wide range of general chemicals.

## APPROVALS / COMPLIANCE

DIN-DVGW (Gas Industry) 93.01-e-845  
 WRAS Potable Water  
 Complies with BS Specification 7531 Grade Y  
 TA-LUFT (in accordance with VDI Guideline 2440)

## AVAILABILITY

Thickness range = 0.4mm to 6.0mm  
 Standard sheet sizes = 2.0m x 2.0m, 2.0m x 1.5m, 2.0m x 1.0m, 1.5m x 1.5m, 1.5m x 1.0m.  
 Standard roll sizes = Up to a maximum size of 6.0m x 2.0m  
 Available with fine mesh mild steel reinforcement: Novus 30 Metallic or gauze mild steel wire reinforcement: Novus 30 GWI.  
 Can also be supplied with anti-stick coating and graphite coating.

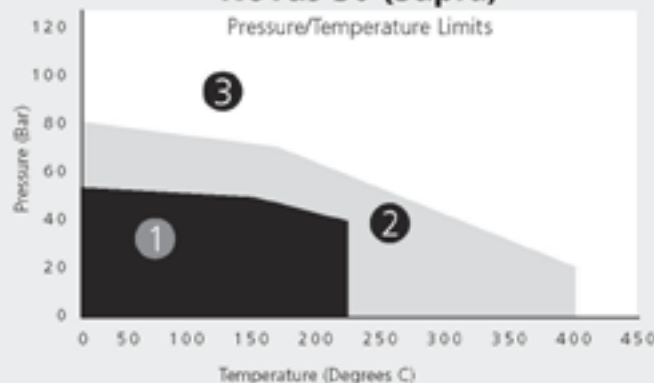


Colour - Orange

## TYPICAL PHYSICAL PROPERTIES

Thickness		1.5mm
Density		2.0g/cc
Tensile Strength	ASTM F152	12MPa
Compression	ASTM F36	9%
Recovery	ASTM F36	50%min
Residual Stress	BS7531 (300°C)	23MPa
	DIN 52913	29MPa
Gas Leakage	BS 7531	<1.0cc/min
ASTM Oil 1	Thickness Increase	2.0%
IRM 903 Oil	Thickness Increase	5.0%
ASTM Fuel B	Thickness Increase	4.0%

## Novus 30 (Supra)



- 1 Suitable subject to chemical compatibility
- 2 Suitable in some cases but check your application requirements with Novus
- 3 Contact the Novus Technical Team for applications with higher temperatures and pressures. Applicable to 1.5mm and below.

The operating temperature of non-asbestos sheet material is related to the thickness of materials selected. Thinner materials give better temperature and pressure properties.